

**SAN LUIS OBISPO COUNTY
ENGINEERING DEPARTMENT**

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Bonding Estimate - County-approved Unit Costs

Item	Type	Unit Cost	Unit	Minimum
PREPARATION				
Clearing and grubbing		\$625	acre	
Tree removal		\$250	ea	
A.C. removal		\$1.70	sf	
Concrete removal	sidewalk	\$3.25	sf	
Concrete removal	curb/gutter	\$10.00	lf	
Grind A.C.		\$1.70	sf	\$4,250
Disposal of A.C.		\$50	cy	\$360
Other removal (specify)				
Abandon well		\$1,650	ea	
Abandon septic system		\$250	ea	
Disposal of Native/CLIII Base		\$29	cy	\$360
EARTHWORK				
Cut		\$31	cy	
Fill		\$31	cy	
Import		\$60	cy	\$500
Export				\$500
Fine grading		\$0.23	sf	
ROAD				
A.C. Pavement In Place	2"	\$1.35	sf	\$800
A.C. Pavement In Place	3"	\$2.00	sf	\$800
A.C. Pavement In Place	4"	\$2.70	sf	\$800
A.C. Pavement In Place	5"	\$3.50	sf	\$800
A.C. Pavement In Place	6"	\$4.00	sf	\$800
A.C. Pavement In Place		\$97	ton	\$800
Class II Agg. Base	4"	\$0.60	sf	
Class II Agg. Base	6"	\$0.90	sf	
Class II Agg. Base	8"	\$1.20	sf	
Class II Agg. Base	10"	\$1.50	sf	
Class II Agg. Base	12"	\$1.80	sf	
Class II Agg. Base	18"	\$2.70	sf	
Class II Agg. Base		\$25	ton	
Cross gutter and spandrel	3/4 street (C-2)	\$5,070	ea	

Cross gutter and spandrel	C-2	\$9.50	sf	
Spandrel	C-2	\$1,690	ea	
Geotextile fabric		\$1.00	sf	
Seal coat/Slurry seal		\$0.30	sf	
Chip Seal		\$1.85	sf	
Saw cut	concrete	\$3.00	lf	\$250
Saw cut	A.C.	\$1.50	lf	\$250
ROAD EDGE				
Driveway approach	concrete (B-3)	\$7.00	sf	
Driveway approach	A.C. (B-2, B-4)	\$4.60	sf	
Handicap ramp	B-7	\$1,200	ea	
Curb and gutter	6" (C-1)	\$18.50	lf	
Curb and gutter	8" (C-1)	\$20.50	lf	
Curb only	concrete (C-1)	\$13.00	lf	
A.C. dike	C-1	\$7.50	lf	\$800
Sidewalk	B-5	\$4.50	sf	
Sidewalk grinding		\$9.00	lf	
Street tree well	M-3	\$700	ea	
D.G. walkway		\$1.25	sf	\$625
STORM DRAIN				
Inlet	C-3	\$2,700	ea	
Inlet	minor	\$1,000	ea	
Culvert pipe	12" or less	\$27	lf	
Culvert pipe	18"	\$32	lf	
Culvert pipe	24"	\$35	lf	
Culvert pipe	30"	\$43	lf	
Culvert pipe	36"	\$50	lf	
Culvert pipe	48"	\$68	lf	
Culvert pipe	60"	\$98	lf	
Headwall				
Underdrain (sidewalk)	concrete	\$1,500	ea	
Underdrain (sidewalk)	pipe	\$1,400	ea	
Rock slope protection		\$125	cy	
Concrete ditch	6'	\$31.25	lf	
Manhole		\$2,500	ea	
Junction box	C-5	\$2,500	ea	
Tie to existing manhole or box		\$2,000	ea	
Underground Basin	StormTech	\$6	per cf storage	
WATER				
Water meter, lateral, box	W-4, W-5	\$900	ea	

Raise water meter box		\$275	ea	
Water main	6"	\$25	lf	
Water main	8"	\$29	lf	
Water main	10"	\$34	lf	
Water main	12"	\$37	lf	
Hot tap		\$2,700	ea	
Gate valve		\$1,450	ea	
Fire hydrant	W-1	\$3,000	ea	
Air relief valve	8"	\$2,400	ea	
Blowoff assembly		\$2,000	ea	
Thrust blocks	W-3	\$125	ea	
Steel water tank	Welded	\$1.50	per gal	
Steel water tank	Bolted	\$1.00	per gal	
SEWER				
Sewer lateral, tie in	S-5	\$825	ea	
Sewer lateral, tie in - steep	S-6	\$1,200	ea	
Sewer cleanout	S-4	\$725	ea	
Sewer main (backfill type)	6" native	\$17	lf	
Sewer main (backfill type)	8" native	\$19	lf	
Sewer main (backfill type)	6" import	\$20	lf	
Sewer main (backfill type)	8" import	\$22	lf	
Sewer main (backfill type)	12" import	\$36	lf	
Manhole	typical (S-2)	\$2,700	ea	
Manhole	drop (S-3)	\$3,250	ea	
Tie to existing manhole		\$2,000	ea	
Adjust manhole cover		\$300	ea	
OTHER UTILITIES				
Joint trench	P-4	\$25	lf	
Gas trench		\$20	lf	
Gas meter		\$400	ea	
Utility pole	new			
Service pole	relocate	\$800	ea	
Telephone pole	relocate	\$2,500	ea	
Electric pole	relocate	\$6,000	ea	
Junction pole	relocate	\$9,000	ea	
Underground + JP	relocate	\$15,000	ea	
Install sidewalk guy system		\$1,300	ea	
Guy anchor only	relocate	\$1,800	ea	
Guy pole and anchor	relocate	\$3,100	ea	

TRAFFIC CONTROL				
Traffic striping	paint	\$0.60	lf	
Traffic striping	thermoplastic	\$4.00	lf	
Traffic marking		\$1.25	sf	
Stop + st. name signs	new or relocate	\$275	ea	
Street name sign only	new or relocate	\$250	ea	
Barricade	wood (M-5)	\$25	lf	
Markers and delineators		\$9	lf	
Construction area signs		\$250	ea	
MISCELLANEOUS				
Chain link fence	6' new	\$15	lf	
Other fence			lf	
Gate		\$625	ea	
Landscape and irrigation		\$2.00	sf	\$500
Hydroseed slopes		\$0.21	sf	\$500
Hydroseed slopes		\$3,500	acre	\$500
Erosion control			L.S.	\$1,200
Monument wells	M-1, M-2	\$260	ea	
Retaining walls	1-3'	\$35	lf	
Retaining walls	4-6'	\$75	lf	
Retaining walls	7-9'	\$88	lf	
Retaining walls	8-10'	\$113	lf	
Retaining walls		\$43	sf	